

EXHIBIT 58

APPENDIX N – Comparison of Command Abstractions to Actual Documented EOS Command Syntax

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)	Complete Command?
ip pim rp-address	ip pim rp-address	<p>Command Syntax</p> <pre>ip pim rp-address rp_addr [MULTICAST_SUBNET] [HASHMASK_LENGTH] [BSR_OVERRIDE] [PRIORITY_NUM] no ip pim rp-address rp_addr [MULTICAST_SUBNET] default ip pim rp-address rp_addr [MULTICAST_SUBNET]</pre> <p>Parameters</p> <ul style="list-style-type: none"> • rp_addr Rendezvous point IP address (dotted decimal notation). • MULTICAST_SUBNET Multicast IP address space (CIDR or address-mask). <ul style="list-style-type: none"> — <no parameter> Default multicast group IP address of 224/4. — gp_addr Multicast group IP address (CIDR or address-mask). — access-list acl_name Standard access control list that specifies the multicast group address. — acl_name Standard access control list that specifies the multicast group address. • HASHMASK_LENGTH Length (in bits) of the hash mask. <ul style="list-style-type: none"> — <no parameter> hash mask remains unchanged from previous setting. — hashmask <0 - 32> hash mask length (in bits). Default value is 30. • BSR_OVERRIDE Configures priority relative to dynamic RPs selected by BSR. <ul style="list-style-type: none"> — <no parameter> Dynamic RPs have priority over specified RP. — override RP has priority over dynamic RPs. • PRIORITY_NUM BSR election priority rating. Larger numbers denote higher priority. Default value is 64. <ul style="list-style-type: none"> — <no parameter> priority remains unchanged from previous setting. — priority <0 - 255> priority rating. 	No

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ip pim rp-candidate	ip pim rp-candidate	<p>Command Syntax</p> <p>The <i>INTERFACE</i> parameter is always listed first. All other parameters can be placed in any order.</p> <pre>ip pim rp-candidate <i>INTERFACE</i> [<i>GROUP_ADDR</i>] [<i>PRIORITY_NUM</i>] [<i>INTERVAL_PERIOD</i>] no ip pim rp-candidate [<i>INTERFACE</i>] [<i>GROUP_ADDR</i>] no ip pim rp-candidate [<i>INTERFACE</i>] <i>interval</i> no ip pim rp-candidate [<i>INTERFACE</i>] <i>priority</i> default ip pim rp-candidate [<i>INTERFACE</i>] [<i>GROUP_ADDR</i>] default ip pim rp-candidate [<i>INTERFACE</i>] <i>interval</i> default ip pim rp-candidate [<i>INTERFACE</i>] <i>priority</i></pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>INTERFACE</i> Switch uses IP address of specified interface as its C-RP address. Options include: <ul style="list-style-type: none"> — ethernet <i>e_num</i> Ethernet interface specified by <i>e_num</i>. — loopback <i>l_num</i> Loopback interface specified by <i>l_num</i>. — management <i>m_num</i> Management interface specified by <i>m_num</i>. — port-channel <i>p_num</i> Port-Channel Interface specified by <i>p_num</i>. — vlan <i>v_num</i> VLAN interface specified by <i>v_num</i>. — vxlan <i>vx_num</i> VXLAN interface specified by <i>vx_num</i>. • <i>GROUP_ADDR</i> address of multicast group for which candidate is configured. Options include: <ul style="list-style-type: none"> — <no parameter> default multicast group (224.0.0.0/4). — net_addr multicast IPv4 subnet address (CIDR or address mask). — access-list <i>acl_name</i> standard access control list that specifies the multicast group address. • <i>PRIORITY_NUM</i> RP selection priority rating. Smaller numbers denote higher priority. <ul style="list-style-type: none"> — <no parameter> priority rating is set to the default value of 0. — priority <0 - 255> priority rating. 	No

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		<ul style="list-style-type: none"> • INTERVAL_NUM Period between consecutive RP-advertisement message transmissions (seconds). Value also applies to previously configured rp-candidate statements. <ul style="list-style-type: none"> — <no parameter> interval remains unchanged from previous setting. — interval <10 - 16383> transmission interval. 	
ip pim sparse-mode	ip pim sparse-mode	<p>Command Syntax</p> <pre>ip pim sparse-mode no ip pim no ip pim sparse-mode default ip pim default ip pim sparse-mode</pre>	Yes
ip pim spt-threshold	ip pim spt-threshold	<p>Command Syntax</p> <pre>ip pim spt-threshold JOIN no ip pim spt-threshold default ip pim spt-threshold</pre> <p>Parameters</p> <ul style="list-style-type: none"> • JOIN specifies switch's use of the short path tree (SPT). Options include: <ul style="list-style-type: none"> — 0 The switch immediately joins the SPT. This is the default value. — infinity The switch never joins the SPT. 	No

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ip pim spt-threshold group-list	ip pim spt-threshold group-list	<p>Command Syntax</p> <pre>ip pim spt-threshold JOIN group-list acl_name no ip pim spt-threshold JOIN group-list acl_name default ip pim spt-threshold JOIN group-list acl_name</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>JOIN</i> specifies switch's use of the short path tree (SPT) for specified groups. Options include: <ul style="list-style-type: none"> — 0 The switch immediately joins the SPT. This is the default value. — infinity The switch never joins the SPT. • <i>acl_name</i> name of access control list. 	No
ip pim ssm range	ip pim ssm range	<p>Command Syntax</p> <pre>ip pim ssm range [ACCESS_RANGE] no ip pim ssm range default ip pim ssm range</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>ACCESS_RANGE</i> specifies the SSM IP multicast address range. Options include: <ul style="list-style-type: none"> — <i>acl_name</i> sets the SSM range to address set specified by the standard ACL. — standard sets the SSM range to 232/8. 	Yes

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ip prefix-list	ip prefix-list	<p>Command Syntax</p> <pre>ip prefix-list list_name [SEQUENCE] FILTER_TYPE network_addr [MASK] no ip prefix-list list_name [SEQUENCE] default ip prefix-list list_name [SEQUENCE]</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>list_name</i> The label that identifies the prefix list. • <i>SEQUENCE</i> Sequence number of the prefix list entry. Options include <ul style="list-style-type: none"> — <no parameter> entry's number is ten plus highest sequence number in current list. — seq <i>seq_num</i> number assigned to entry. Value ranges from 0 to 65535. • <i>FILTER_TYPE</i> specifies route access when it matches IP prefix list. Options include: <ul style="list-style-type: none"> — permit routes are permitted access when they match the specified subnet. — deny routes are denied access when they match the specified subnet. • <i>network_addr</i> Subnet upon which command filters routes. Format is CIDR or address-mask. • <i>MASK</i> range of the prefix to be matched. <ul style="list-style-type: none"> — <no parameter> exact match with the subnet mask is required. — eq <i>mask_e</i> prefix length is equal to <i>mask_e</i>. — ge <i>mask_g</i> range is from <i>mask_g</i> to 32. — le <i>mask_l</i> range is from subnet mask length to <i>mask_l</i>. — ge <i>mask_l</i> le <i>mask_g</i> range is from <i>mask_g</i> to <i>mask_l</i>. <p><i>mask_e, mask_l</i> and <i>mask_g</i> range from 1 to 32.</p> <p>when le and ge are specified, subnet mask > <i>mask_g</i> > <i>mask_l</i></p> 	No

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ip protocol	ip protocol (Monitor Reachability Probe Transmitter)	<p>Command Syntax</p> <pre>ip protocol PROT_TYPE no ip protocol default ip protocol</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>PROT_TYPE</i> Specifies the IP protocol. Options include: <ul style="list-style-type: none"> — tcp TCP packets. — udp UDP packets. 	No
ip proxy-arp	ip proxy-arp	<p>Command Syntax</p> <pre>ip proxy-arp no ip proxy-arp default ip proxy-arp</pre>	Yes

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ip radius source-interface	ip radius source-interface	<p>Command Syntax</p> <pre>ip radius [VRF_INST] source-interface INT_NAME no ip radius [VRF_INST] source-interface default ip radius [VRF_INST] source-interface</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>VRF_INST</i> specifies the VRF instance used to communicate with the specified server. <ul style="list-style-type: none"> — <no parameter> switch communicates with the server using the default VRF. — <i>vrf vrf_name</i> switch communicates with the server using the specified user-defined VRF. • <i>INT_NAME</i> Interface type and number. Options include: <ul style="list-style-type: none"> — interface ethernet <i>e_num</i> Ethernet interface specified by <i>e_num</i>. — interface loopback <i>l_num</i> Loopback interface specified by <i>l_num</i>. — interface management <i>m_num</i> Management interface specified by <i>m_num</i>. — interface port-channel <i>p_num</i> Port-Channel Interface specified by <i>p_num</i>. — interface vlan <i>v_num</i> VLAN interface specified by <i>v_num</i>. 	No
ip rip v2-broadcast	ip rip v2-broadcast	<p>Command Syntax</p> <pre>ip rip v2-broadcast no ip rip v2-broadcast default ip rip v2-broadcast</pre>	Yes

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ip route	ip route	<p>Command Syntax</p> <pre>ip route [VRF_INSTANCE] dest_net NEXTHOP [DISTANCE] [TAG_OPTION] [RT_NAME] no ip route [VRF_INSTANCE] dest_net [NEXTHOP] [DISTANCE] default ip route [VRF_INSTANCE] dest_net [NEXTHOP] [DISTANCE]</pre> <p>Parameters</p> <ul style="list-style-type: none"> • VRF_INSTANCE Specifies the VRF instance being modified. <ul style="list-style-type: none"> — <no parameter> Changes are made to the default VRF. — vrf vrf_name Changes are made to the specified VRF. • dest_net Destination IPv4 subnet (CIDR or address-mask notation). • NEXTHOP Location or access method of next hop device. Options include: <ul style="list-style-type: none"> — ipv4_addr An IPv4 address. — null0 Null0 interface. — ethernet e_num Ethernet interface specified by <i>e_num</i>. — loopback l_num Loopback interface specified by <i>l_num</i>. — management m_num Management interface specified by <i>m_num</i>. — port-channel p_num Port-channel interface specified by <i>p_num</i>. — vlan v_num VLAN interface specified by <i>v_num</i>. — vxlan vx_num VXLAN interface specified by <i>vx_num</i>. • DISTANCE Administrative distance assigned to route. Options include: <ul style="list-style-type: none"> — <no parameter> Route assigned default administrative distance of one. — <1-255> The administrative distance assigned to route. • TAG_OPTION static route tag. Options include: <ul style="list-style-type: none"> — <no parameter> Assigns default static route tag of 0. — tag t_value Static route tag value. <i>t_value</i> ranges from 0 to 4294967295. 	No

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		<ul style="list-style-type: none"> • RT_NAME Associates descriptive text to the route. Options include: <ul style="list-style-type: none"> — <no parameter> No text is associated with the route. — name descriptive_text The specified text is assigned to the route. 	
ip routing	ip routing	<p>Command Syntax</p> <pre>ip routing [VRF_INSTANCE] no ip routing [DELETE_ROUTES] [VRF_INSTANCE] default ip routing [DELETE_ROUTES] [VRF_INSTANCE]</pre> <p>Parameters</p> <ul style="list-style-type: none"> • DELETE_ROUTES Resolves routing table static entries when routing is disabled. <ul style="list-style-type: none"> — <no parameter> Routing table retains static entries. — delete-static-routes Static entries are removed from the routing table. • VRF_INSTANCE specifies the VRF instance being modified. <ul style="list-style-type: none"> — <no parameter> changes are made to the default VRF. — vrf vrf_name changes are made to the specified user-defined VRF. 	Yes

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ip tacacs source-interface	ip tacacs source-interface	<p>Command Syntax</p> <pre>ip tacacs [VRF_INST] source-interface INT_NAME no ip tacacs [VRF_INST] source-interface default ip tacacs [VRF_INST] source-interface</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>VRF_INST</i> specifies the VRF instance used to communicate with the specified server. <ul style="list-style-type: none"> — <no parameter> switch communicates with the server using the default VRF. — <i>vrf vrf_name</i> switch communicates with the server using the specified user-defined VRF. • <i>INT_NAME</i> Interface type and number. Options include: <ul style="list-style-type: none"> — interface ethernet <i>e_num</i> Ethernet interface specified by <i>e_num</i>. — interface loopback <i>l_num</i> Loopback interface specified by <i>l_num</i>. — interface management <i>m_num</i> Management interface specified by <i>m_num</i>. — interface port-channel <i>p_num</i> Port-Channel Interface specified by <i>p_num</i>. — interface vlan <i>v_num</i> VLAN interface specified by <i>v_num</i>. 	No
ipv6 access-list	ipv6 access-list	<p>Command Syntax</p> <pre>ipv6 access-list list_name no ipv6 access-list list_name default ipv6 access-list list_name</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>list_name</i> Name of ACL. Must begin with an alphabetic character. Cannot contain spaces or quotation marks. 	No

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ipv6 address	ipv6 address	<p>Command Syntax</p> <pre>ipv6 address <i>ipv6_prefix</i> no ipv6 address [<i>ipv6_prefix</i>] default ipv6 address [<i>ipv6_prefix</i>]</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>ipv6_prefix</i> address assigned to the interface (CIDR notation). 	No
ipv6 dhcp relay destination	ipv6 dhcp relay destination	<p>Command Syntax</p> <pre>ipv6 dhcp relay destination <i>ipv6_addr</i> no ipv6 dhcp relay destination [<i>ipv6_addr</i>] default ipv6 dhcp relay destination [<i>ipv6_addr</i>]</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>ipv6_addr</i> DCHP Server's IPv6 address. 	No
ipv6 enable	ipv6 enable	<p>Command Syntax</p> <pre>ipv6 enable no ipv6 enable default ipv6 enable</pre>	Yes

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ipv6 host	ipv6 host	<p>Command Syntax</p> <pre>ipv6 host <i>hostname</i> <i>hostadd_1</i> [<i>hostadd_2</i>] ... [<i>hostadd_X</i>] no ipv6 host [<i>hostname</i>] [<i>hostadd_1</i>] [<i>hostadd_2</i>] [<i>hostadd_X</i>] default ipv6 host [<i>hostname</i>] [<i>hostadd_1</i>] [<i>hostadd_2</i>] [<i>hostadd_X</i>]</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>hostname</i> hostname (text). • <i>hostadd_N</i> IPv6 addresses associated with hostname (dotted decimal notation). 	No
ipv6 access-group	ipv6 access-group	<p>Command Syntax</p> <pre>ipv6 access-group <i>list_name</i> <i>DIRECTION</i> no ipv6 access-group <i>list_name</i> <i>DIRECTION</i> default ipv6 access-group <i>list_name</i> <i>DIRECTION</i></pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>list_name</i> name of ACL assigned to interface. • <i>DIRECTION</i> transmission direction of packets, relative to interface. Valid options include: <ul style="list-style-type: none"> — <i>in</i> inbound packets. — <i>out</i> outbound packets. 	No
ipv6 nd managed-config-flag	ipv6 nd managed-config-flag	<p>Command Syntax</p> <pre>ipv6 nd managed-config-flag no ipv6 nd managed-config-flag default ipv6 nd managed-config-flag</pre>	Yes

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ipv6 nd ns-interval	ipv6 nd ns-interval	<p>Command Syntax</p> <pre>ipv6 nd ns-interval <i>period</i> no ipv6 nd ns-interval default ipv6 nd ns-interval</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>period</i> interval in milliseconds between successive IPv6 neighbor solicitation transmissions. Values range from 1000 to 4294967295. The default period is 1000 milliseconds. 	No
ipv6 nd other-config-flag	ipv6 nd other-config-flag	<p>Command Syntax</p> <pre>ipv6 nd other-config-flag no ipv6 nd other-config-flag default ipv6 nd other-config-flag</pre>	Yes

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ipv6 nd prefix	ipv6 nd prefix	<p>Command Syntax</p> <pre>ipv6 nd prefix <i>ipv6_prefix</i> <i>LIFETIME</i> [<i>FLAGS</i>] ipv6 nd prefix <i>ipv6_prefix</i> no-advertise no ipv6 nd prefix <i>ipv6_prefix</i> default ipv6 nd prefix <i>ipv6_prefix</i></pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>ipv6_prefix</i> IPv6 prefix (CIDR notation). • no-advertise Prevents advertising of the specified prefix. • <i>LIFETIME</i> Period that the specified IPv6 prefix is advertised (seconds). Options include <ul style="list-style-type: none"> — <i>valid preferred</i> Two values that set the <i>valid</i> and <i>preferred</i> lifetime periods. — <i>valid</i> One value that sets the <i>valid</i> lifetime. The <i>preferred</i> lifetime is set to the default value. — <no parameter> The <i>valid</i> and <i>preferred</i> lifetime periods are set to their default values. Options for <i>valid</i>: <0 to 4294967295> and infinite. Default value is 2592000 Options for <i>preferred</i>: <0 to 4294967295> and infinite. Default value is 604800 The maximum value (4294967295) and infinite are equivalent settings. • <i>FLAGS</i> on-link and autonomous address-configuration flag values in RAs. <ul style="list-style-type: none"> — <no parameter> both flags are set. — no-autoconfig autonomous address-configuration flag is reset. — no-onlink on-link flag is reset. — no-autoconfig no-onlink both flags are reset. — no-onlink no-autoconfig both flags are reset. 	No

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ipv6 nd ra interval	ipv6 nd ra interval	<p>Command Syntax</p> <pre>ipv6 nd ra interval [SCALE] ra_period [minimum_period] no ipv6 nd ra interval default ipv6 nd ra interval</pre> <p>Parameters</p> <ul style="list-style-type: none"> • SCALE timescale in which command parameter values are expressed. <ul style="list-style-type: none"> — <no parameter> seconds — msec milliseconds • ra_period maximum interval between successive IPv6 RA transmissions. The default period is 200 seconds. <ul style="list-style-type: none"> — <4 - 1800> valid range when scale is set to default value (seconds). — <500 - 1800000> valid range when scale is set to msec. • minimum_period minimum interval between successive IPv6 RA transmissions. Must be smaller than ra_period. By default, a minimum period is not defined. <ul style="list-style-type: none"> — <no parameter> Command does not specify a minimum period. — <3 - 1799> valid range when scale is set to default value (seconds). — <375 - 1799999> valid range when scale is set to msec. 	No

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ipv6 nd ra lifetime	ipv6 nd ra lifetime	<p>Command Syntax</p> <pre>ipv6 nd ra lifetime ra_lifetime no ipv6 nd ra lifetime default ipv6 nd ra lifetime</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>ra_lifetime</i> router lifetime period (seconds). Default value is 1800. Options include <ul style="list-style-type: none"> — <0> Router should not be considered as a default router — <1 - 65535> Lifetime period advertised in RAs. Should be greater than or equal to the interval between IPv6 RA transmissions from the configuration mode interface as set by the ipv6 nd ra interval command. 	No
ipv6 nd ra suppress	ipv6 nd ra suppress	<p>Command Syntax</p> <pre>ipv6 nd ra suppress [SCOPE] no ipv6 nd ra suppress default ipv6 nd ra suppress</pre>	Yes
ipv6 nd reachable-time	ipv6 nd reachable-time	<p>Command Syntax</p> <pre>ipv6 nd reachable-time period no ipv6 nd reachable-time default ipv6 nd reachable-time</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>period</i> Reachable time value (milliseconds). Value ranges from 0 to 4294967295. Default is 0. 	No

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ipv6 nd router-preference	ipv6 nd router-preference	<p>Command Syntax</p> <pre>ipv6 nd router-preference RANK no ipv6 nd router-preference default ipv6 nd router-preference</pre> <p>Parameters</p> <ul style="list-style-type: none"> • RANK Router preference value. Options include: <ul style="list-style-type: none"> — high — low — medium 	No
ipv6 neighbor	ipv6 neighbor	<p>Command Syntax</p> <pre>ipv6 neighbor ipv6_addr PORT mac_addr no ipv6 neighbor ipv6_address PORT default ipv6 neighbor ipv6_addr PORT</pre> <p>Parameters</p> <ul style="list-style-type: none"> • ipv6_addr Neighbor's IPv6 address. • PORT Interface through which the neighbor is accessed. Options include: <ul style="list-style-type: none"> — ethernet e_num Ethernet interface specified by <i>e_num</i>. — loopback l_num Loopback interface specified by <i>l_num</i>. — management m_num Management interface specified by <i>m_num</i>. — port-channel p_num Port-channel interface specified by <i>p_num</i>. — vlan v_num VLAN interface specified by <i>v_num</i>. — vxlan vx_num VXLAN interface specified by <i>vx_num</i>. • mac_addr Neighbor's data-link (hardware) address. (48-bit dotted hex notation – H.H.H). 	No

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ipv6 ospf area	ipv6 ospf area	<p>Command Syntax</p> <pre>ipv6 ospf process_id area area_id no ipv6 ospf process_id [area area_id] default ipv6 ospf process_id [area area_id]</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>process_id</i> Values range from 1 to 65535. • <i>area_id</i> Valid formats: integer <0 to 4294967295> or dotted decimal <0.0.0.0 to 255.255.255.255> <i>Running-config</i> stores value in dotted decimal notation. 	No
ipv6 ospf cost	ipv6 ospf cost	<p>Command Syntax</p> <pre>ipv6 ospf cost interface_cost no ipv6 ospf cost default ipv6 ospf cost</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>interface_cost</i> Value ranges from 1 to 65535; default is 10. 	No
ipv6 ospf dead-interval	ipv6 ospf dead-interval	<p>Command Syntax</p> <pre>ipv6 ospf dead-interval time no ipv6 ospf dead-interval default ipv6 ospf dead-interval</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>time</i> Value ranges from 1 to 65535; default is 40. 	No

APPENDIX N – Comparison of Command Abstractions to Actual Documented EOS Command Syntax

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)	Complete Command?
ipv6 ospf hello-interval	ipv6 ospf hello-interval	<p>Command Syntax</p> <pre>ipv6 ospf hello-interval <i>time</i> no ipv6 ospf hello-interval default ipv6 ospf hello-interval</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>time</i> Values range from 1 to 65535; default is 10. 	No
ipv6 ospf network	ipv6 ospf network	<p>Command Syntax</p> <pre>ipv6 ospf network point-to-point no ipv6 ospf network default ipv6 ospf network</pre>	No
ipv6 ospf priority	ipv6 ospf priority	<p>Command Syntax</p> <pre>ipv6 ospf priority <i>priority_level</i> no ipv6 ospf priority default ipv6 ospf priority</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>priority_level</i> Settings range from 0 to 255. 	No

APPENDIX N – Comparison of Command Abstractions to Actual Documented EOS Command Syntax

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)	Complete Command?
ipv6 ospf retransmit-interval	ipv6 ospf retransmit-interval	<p>Command Syntax</p> <pre>ipv6 ospf retransmit-interval <i>period</i> no ipv6 ospf retransmit-interval default ipv6 ospf retransmit-interval</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>period</i> Value ranges from 1 to 65535; default is 5. 	No
ipv6 ospf transmit-delay	ipv6 ospf transmit-delay	<p>Command Syntax</p> <pre>ipv6 ospf transmit-delay <i>trans</i> no ipv6 ospf transmit-delay default ipv6 ospf transmit-delay</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>trans</i> Value ranges from 1 to 65535; default is 1. 	No
ipv6 prefix-list	ipv6 prefix-list	<p>Command Syntax</p> <pre>ipv6 prefix-list <i>list_name</i> no ipv6 prefix-list <i>list_name</i> default ipv6 prefix-list <i>list_name</i></pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>list_name</i> Name of prefix list. Must begin with an alphabetic character. Cannot contain spaces or quotation marks. 	No

APPENDIX N – Comparison of Command Abstractions to Actual Documented EOS Command Syntax

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)	Complete Command?
ipv6 route	ipv6 route	<p>Command Syntax</p> <pre>ipv6 route dest_prefix NEXTHOP [DISTANCE] [TAG_OPT] [RT_NAME] no ipv6 route dest_prefix [nexthop_addr] [DISTANCE] default ipv6 route dest_prefix [nexthop_addr] [DISTANCE]</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>dest_prefix</i> destination IPv6 prefix (CIDR notation). • NEXTHOP Access method of next hop device. Options include: <ul style="list-style-type: none"> — null0 Null0 interface – route is dropped. — <i>nexthop_addr</i> IPv6 address of nexthop device. — ethernet <i>e_num</i> Ethernet interface specified by <i>e_num</i>. — loopback <i>l_num</i> Loopback interface specified by <i>l_num</i>. — management <i>m_num</i> Management interface specified by <i>m_num</i>. — port-channel <i>p_num</i> Port-channel interface specified by <i>p_num</i>. — vlan <i>v_num</i> VLAN interface specified by <i>v_num</i>. — vxlan <i>vx_num</i> VXLAN interface specified by <i>vx_num</i>. — ethernet <i>e_num</i> <i>nexthop_addr</i> Combination route (Ethernet interface and gateway). — loopback <i>l_num</i> <i>nexthop_addr</i> Combination route (loopback interface and gateway). — management <i>m_num</i> <i>nexthop_addr</i> Combination route (management interface and gateway). 	No

APPENDIX N – Comparison of Command Abstractions to Actual Documented EOS Command Syntax

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)	Complete Command?
		<ul style="list-style-type: none"> — port-channel <i>p_num</i> <i>nexthop_addr</i> Combination route (port channel interface and gateway). — vlan <i>v_num</i> <i>nexthop_addr</i> Combination route (VLAN interface and gateway). — vxlan <i>vx_num</i> <i>nexthop_addr</i> Combination route (VXLAN interface and gateway) • DISTANCE administrative distance assigned to route. Options include: <ul style="list-style-type: none"> — <no parameter> route assigned default administrative distance of one. — <1 to 255> The administrative distance assigned to route. • TAG_OPT static route tag. Options include: <ul style="list-style-type: none"> — <no parameter> assigns default static route tag of 0. — tag <0 to 4294967295> Static route tag value. • RT_NAME Associates descriptive text to the route. Options include: <ul style="list-style-type: none"> — <no parameter> No text is associated with the route. — name <i>descriptive_text</i> The specified text is assigned to the route. 	
ipv6 router ospf	ipv6 router ospf	<p>Command Syntax</p> <pre>ipv6 router ospf <i>process_id</i> no router ospf <i>process_id</i> default router ospf <i>process_id</i></pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>process_id</i> Values range from 1 to 65535. 	No

APPENDIX N – Comparison of Command Abstractions to Actual Documented EOS Command Syntax

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)	Complete Command?
ipv6 unicast-routing	ipv6 unicast-routing	<p>Command Syntax</p> <pre>ipv6 unicast-routing no ipv6 unicast-routing [DELETE_ROUTES] default ipv6 unicast-routing [DELETE_ROUTES]</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>DELETE_ROUTES</i> Resolves routing table static entries when routing is disabled. <ul style="list-style-type: none"> — <no parameter> Routing table retains static entries. — delete-static-routes Static entries are removed from the routing table. 	Yes
isis hello-interval	isis hello-interval	<p>Command Syntax</p> <pre>isis hello-interval time no isis hello-interval default isis hello-interval</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>time</i> Values range from 1 to 300; default is 10. 	No
isis hello-multiplier	isis hello-multiplier	<p>Command Syntax</p> <pre>isis hello-multiplier factor no isis hello-multiplier default isis hello-multiplier</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>factor</i> Values range from 3 to 100; default is 3 	No

APPENDIX N – Comparison of Command Abstractions to Actual Documented EOS Command Syntax

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)	Complete Command?
isis lsp-interval	isis lsp-interval	<p>Command Syntax</p> <pre>isis lsp-interval period no isis lsp-interval default isis lsp-interval</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>period</i> Value ranges from 1 through 3000. Default interval is 33 ms. 	No
isis metric	isis metric	<p>Command Syntax</p> <pre>isis metric metric_cost no isis metric default isis metric</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>metric_cost</i> Values range from 1 to 1677214. Default value is 10. 	No
isis passive	isis passive	<p>Command Syntax</p> <pre>isis passive no isis passive default isis passive</pre>	Yes

APPENDIX N – Comparison of Command Abstractions to Actual Documented EOS Command Syntax

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)	Complete Command?
isis passive interface	passive-interface (IS-IS)	<p>Command Syntax</p> <pre>passive-interface <i>INTERFACE_NAME</i> no passive-interface <i>INTERFACE_NAME</i> default passive-interface <i>INTERFACE_NAME</i></pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>INTERFACE_NAME</i> Options include: <ul style="list-style-type: none"> — ethernet <i>e_range</i> Ethernet interface list. — loopback <i>l_range</i> Loopback interface list. — port-channel <i>p_range</i> Channel group interface list. — vlan <i>v_range</i> VLAN interface list. <p>Valid <i>e_range</i>, <i>l_range</i>, <i>p_range</i>, and <i>v_range</i> formats include number, range, or comma-delimited list of numbers and ranges.</p>	No
isis priority	isis priority	<p>Command Syntax</p> <pre>isis priority <i>priority_level</i> no isis priority default isis priority</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>priority_level</i> Value ranges from 0 to 127. Default value is 64. 	No

APPENDIX N – Comparison of Command Abstractions to Actual Documented EOS Command Syntax

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)	Complete Command?
is-type	is-type	<p>Command Syntax</p> <pre>is-type <i>LAYER_VALUE</i></pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>LAYER_VALUE</i> layer value. Options include: <ul style="list-style-type: none"> — level-1 — level-2 	No
lacp port-priority	lacp port-priority	<p>Command Syntax</p> <pre>lacp port-priority <i>priority_value</i> no lacp port-priority default lacp port-priority</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>priority_level</i> port priority. Values range from 0 to 65535. Default is 32768 	No
lacp rate	lacp rate	<p>Command Syntax</p> <pre>lacp rate <i>RATE_LEVEL</i> no lacp rate default lacp rate</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>RATE_LEVEL</i> LACP transmission interval. Options include: <ul style="list-style-type: none"> — fast one second. — normal 30 seconds for synchronized interfaces; one second while interfaces synchronize. 	No

APPENDIX N – Comparison of Command Abstractions to Actual Documented EOS Command Syntax

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)	Complete Command?
lacp system-priority	lacp system-priority	<p>Command Syntax</p> <pre>lacp system-priority <i>priority_value</i> no lacp system-priority default lacp system-priority</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>priority_value</i> system priority number. Values range from 0 to 65535. Default is 32768. 	No
link state group	link state group	<p>Command Syntax</p> <pre>link state group <i>group_name</i> <i>DIRECTION</i> no link state group [<i>group_name</i>] default link state group [<i>group_name</i>]</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>group_name</i> link state tracking group name. • <i>DIRECTION</i> position of the interface in the link-state group. Valid options include: <ul style="list-style-type: none"> — upstream — downstream 	No
link state track	link state track	<p>Command Syntax</p> <pre>link state track <i>group_name</i> no link state track <i>group_name</i> default link state track <i>group_name</i></pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>group_name</i> link-state group name. 	No

APPENDIX N – Comparison of Command Abstractions to Actual Documented EOS Command Syntax

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)	Complete Command?
lldp holdtime	lldp holdtime	<p>Command Syntax</p> <pre>lldp holdtime <i>period</i> no lldp holdtime default lldp holdtime</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>period</i> The amount of time a receiving device should hold LLDPDU information before discarding it. Value ranges from 10 to 65535 second; default value is 120 seconds. 	No
lldp receive	lldp receive	<p>Command Syntax</p> <pre>lldp receive no lldp receive default lldp receive</pre>	Yes
lldp reinit	lldp reinit	<p>Command Syntax</p> <pre>lldp reinit <i>delay</i> no lldp reinit default lldp reinit</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>delay</i> the amount of time the device should wait before re-initialization is attempted. Value ranges from 1 to 20 seconds; default value is 2 seconds. 	No

APPENDIX N – Comparison of Command Abstractions to Actual Documented EOS Command Syntax

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)	Complete Command?
lldp run	lldp run	Command Syntax <pre>lldp run no lldp run default lldp run</pre>	Yes
lldp timer	lldp timer	Command Syntax <pre>lldp timer transmission_time no lldp timer default lldp timer</pre>	No

APPENDIX N – Comparison of Command Abstractions to Actual Documented EOS Command Syntax

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)	Complete Command?
lldp tlv-select	lldp tlv-select	<p>Command Syntax</p> <pre>lldp tlv-select <i>TLV_NAME</i> no lldp tlv-select <i>TLV_NAME</i> default lldp tlv-select <i>TLV_NAME</i></pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>TLV_NAME</i> Options include: <ul style="list-style-type: none"> — link-aggregation specifies the link aggregation TLV. — management-address specifies the management address TLV. — max-frame-size specifies the Frame size TLV. — port-description specifies the port description TLV. — port-vlan specifies the port VLAN ID TLV. — system-capabilities specifies the system capabilities TLV. — system-description specifies the system description TLV. — system-name specifies the system name TLV. 	No
lldp transmit	lldp transmit	<p>Command Syntax</p> <pre>lldp transmit no lldp transmit default lldp transmit</pre>	Yes

APPENDIX N – Comparison of Command Abstractions to Actual Documented EOS Command Syntax

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)	Complete Command?
load interval	load interval	<p>Command Syntax</p> <pre>load-interval <i>delay</i> no load-interval default load-interval</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>delay</i> Load interval delay. Values range from 5 to 600 (seconds). Default value is 300 (five minutes). 	No
log-adjacency-changes	log-adjacency-changes (OSPFv2)	<p>Command Syntax</p> <pre>log-adjacency-changes log-adjacency-changes detail no log-adjacency-changes default log-adjacency-changes</pre>	Yes
log-adjacency-changes (IS-IS)	log-adjacency-changes (IS-IS)	<p>Command Syntax</p> <pre>log-adjacency-changes no log-adjacency-changes default log-adjacency-changes</pre>	Yes

APPENDIX N – Comparison of Command Abstractions to Actual Documented EOS Command Syntax

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)	Complete Command?
log-adjacency-changes (OSPFv3)	log-adjacency-changes (OSPFv3)	<p>Command Syntax</p> <pre>log-adjacency-changes [INFO_LEVEL] no log-adjacency-changes default log-adjacency-changes</pre> <p>Parameters</p> <ul style="list-style-type: none"> • INFO_LEVEL Options include <ul style="list-style-type: none"> — <no parameter> Sends messages when a neighbor goes up or down. — detail Sends messages for all neighbor state changes. 	Yes
logging host	logging host	<p>Command Syntax</p> <pre>logging [VRF_INSTANCE] host syslog_host [PORT] [PROT_TYPE] no logging [VRF_INSTANCE] host syslog_host default logging [VRF_INSTANCE] host syslog_host</pre> <p>Parameters</p> <ul style="list-style-type: none"> • VRF_INSTANCE specifies the VRF instance being modified. <ul style="list-style-type: none"> — <no parameter> changes are made to the default VRF. — vrf vrf_name changes are made to the specified user-defined VRF. • syslog_host remote syslog server location. Valid formats include hostname or IPv4 address. • PORT Remote syslog server port that handles syslog traffic. Options include: <ul style="list-style-type: none"> — <no parameter> Default port number 514. — <1 to 65535> Port number. • PROT_TYPE Specifies the transport protocol for packets. Options include: <ul style="list-style-type: none"> — <no parameter> Packets transported by User Datagram Protocol (UDP). — protocol tcp Packets transported by TCP. — protocol udp Packets transported by User Datagram Protocol (UDP). 	No

APPENDIX N – Comparison of Command Abstractions to Actual Documented EOS Command Syntax

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)	Complete Command?
mac access-group	mac access-group	<p>Command Syntax</p> <pre>mac access-group <i>list_name</i> <i>DIRECTION</i> no mac access-group <i>list_name</i> <i>DIRECTION</i> default mac access-group <i>list_name</i> <i>DIRECTION</i></pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>list_name</i> name of MAC ACL. • <i>DIRECTION</i> transmission direction of packets, relative to interface. Valid options include: <ul style="list-style-type: none"> — in inbound packets. — out outbound packets. 	No
mac access-list	mac access-list	<p>Command Syntax</p> <pre>mac access-list <i>list_name</i> no mac access-list <i>list_name</i> default mac access-list <i>list_name</i></pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>list_name</i> Name of MAC ACL. Names must begin with an alphabetic character and cannot contain a space or quotation mark. 	No
mac address-table aging-time	mac address-table aging-time	<p>Command Syntax</p> <pre>mac-address-table aging-time <i>period</i> no mac-address-table aging-time default mac-address-table aging-time</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>period</i> MAC address table aging time. Default is 300 seconds. Options include: <ul style="list-style-type: none"> — 0 disables deletion of table entries on the basis of aging time. — 10 through 1000000 (one million) aging period (seconds). 	No

APPENDIX N – Comparison of Command Abstractions to Actual Documented EOS Command Syntax

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)	Complete Command?
mac address-table static	mac address-table static	<p>Command Syntax</p> <pre>mac address-table static mac_address vlan v_num DESTINATION no mac address-table static mac_address vlan v_num [DESTINATION] default mac address-table static mac_address vlan v_num [DESTINATION]</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>mac_address</i> Table entry's MAC address (dotted hex notation – H.H.H). • <i>v_num</i> Table entry's VLAN. • <i>DESTINATION</i> Table entry's port list. <p>For multicast MAC address entries, the command may contain multiple ports, listed in any order. The CLI accepts only one interface for unicast entries.</p> <ul style="list-style-type: none"> — drop creates drop entry in table. Valid only for unicast addresses. — interface ethernet <i>e_range</i> Ethernet interfaces specified by <i>e_range</i>. — interface port-channel <i>p_range</i> Port channel interfaces specified by <i>p_range</i>. — <no parameter> Valid for no and default commands that remove multiple table entries. <p><i>e_range</i> and <i>p_range</i> formats include number, range, comma-delimited list of numbers and ranges.</p>	No
mac-address	mac-address	<p>Command Syntax</p> <pre>mac-address address no mac-address default mac-address</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>address</i> MAC address assigned to the interface. Format is dotted hex notation (H.H.H). Disallowed addresses are 0.0.0 and FFFF.FFFF.FFFF. 	No